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DMC-FS11
Digital Camera

- LUMIX Compact Digital Camera
- iA (Intelligent Auto) Mode with Advanced Scene Detection
- 28mm Wide-angle LUMIX DC VARIO Lens and 14.1-megapixel CCD
- 5x Optical Zoom Lens and Up to 10.5x Extra Optical Zoom
- Seamless Operation with Quick Start-up Time and Sonic Speed AF
- HD Movie Recording (1,280 x 720 pixels at 30 fps in Motion JPEG Format)
- 2.7-inch 230,000-dot High-resolution Intelligent LCD

Compact Digital Camera FS11 - 28mm Wide-angle 5x Optical Zoom LUMIX DC Lens and iA (Intelligent Auto) Mode with Advanced Scene Detection

Optics

Camera Effective Pixels	14.1 Megapixels
Sensor Size / Total Pixels / Filter	1/2.33 type / 14.5 Total Megapixels / Primary Color Filter
Aperture	F2.8 - 6.9 / 2-Step (F2.8 - 9 (W) / F6.9 - 20 (T))
Optical Zoom	5x
Focal Length	f=5-25mm (28-140mm in 35mm equiv.)
Extra Optical Zoom (EZ)	5.9x (4:3 / 10M), 8.4x (4:3 / 5M), 10.5x(under 3M)
Lens	LUMIX DC VARIO 6 elements in 5 groups (3 Aspherical Lenses / 5 Aspherical surfaces)
Optical Image Stabilizer	MEGA O.I.S. (Off / Auto / Mode1 / Mode2)
Digital Zoom	4x (Max. 20.0 x combined with Optical Zoom without Extra Optical Zoom) (Max. 42.0 x combined with Extra Optical Zoom)
Focusing Area	Normal: Wide 50 cm - infinity / Tele 100 cm - infinity Macro / Intelligent AUTO : Wide 5 cm - infinity / Tele 100cm - infinity
Focus Range Display	Yes
AF Assist Lamp	Yes
Focus	Normal / Macro, Zoom Macro, Quick AF (Always On)
AF Metering	Face / 9 pt/ 1pt
Shutter Speed	Still: approx. 8 - 1/1600 sec Starry Sky Mode : 15, 30, 60sec.

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Shutter Interval	1.2 sec

Recording

ISO Sensitivity	I.ISO / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)
Optical Image Stabilizer	Photo & Movie
Intelligent ISO Control	Photo
Face Detection	Photo
Intelligent Scene Selector	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Sunset, Macro)
Digital Red Eye Correction (Red-Eye Removal)	Photo
iA Direct Button	Yes
File Format	Still Image: JPEG(DCF/Exif2.21) Motion picture: QuickTime Motion JPEG
Mode Switch	[Recording] / [Playback]
Mode Dial / Mode Button	Intelligent AUTO, Normal Picture, SCN, My SCN, Motion Picture
Still Image Scene Mode	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst, Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial photo, Film Grain, Photo Frame
Continuous Shooting Mode	High-speed Burst Mode: approx. 4.6 frames/sec (image priority) (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16:9)
Unlimited consecutive shooting	1.5 frames/sec
Flash Burst Continuous Shooting Mode	Max. 5 images (Standard mode)
Motion Picture Recording	[4:3] VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) [16:9] WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) [HD Movie] 1280x720 pixels, 30fps (Motion JPEG)
Exposure	Program AE
Exposure Compensation	1/3 EV step, +/-2 EV
Backlight Compensation	Yes (only in Intelligent AUTO mode)
Light Metering	Intelligent Multiple
Aspect Ratio	4:3 / 3:2 / 16:9
Still Picture Recording	[4:3] 4320x3240(14M) / 3648x2736(10M EZ) / 2560x1920(5M EZ) / 2048X1536(3M EZ) / 640X480(0.3M EZ) [3:2] 4320 x 2880 (12.5M) [16:9] 4320 x 2432 (10.5M)
White Balance	Auto / Daylight / Cloudy / Shade / Halogen / White Set (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Photo Frame)
Quick Menu	Yes
Color Mode / Color Effect	Standard, Vivid, Natural, Black & White, Sepia, Cool, Warm
Composition Guide line	Yes (1 pattern)
Auto Review	1sec, 2sec, Hold
Easy Zoom / Zoom Resume	No / No

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Macro Zoom	Yes
Orientation Detector	Yes
Scene Mode Help Screen	Yes
Self Timer	2sec / 10sec
Focus Icon Select	Yes

Playback

Playback Mode	Normal Playback, Slideshow, Category Playback, Favorites Playback
Thumbnails / Zoomed Playback	12,30-thumbnails / Max 16x
Calendar Display / Dual-Image Playback	Yes / No
Set Favorites / Rotate Image	Yes / No
Playback Motion Picture	Yes (Motion JPEG)
Slideshow Mode	All / Category / Favorites BGM Effect (Natural / Slow / Swing / Urban / OFF)
Delete Image	Single / Multi / All / All except Favorites
DPOF Print Setting / Set Protection	Yes / Yes
Resize / Trim / Aspect Conv. / Leveling	Yes / Yes / No / No
Copy / Title Edit / Text Stamp	Yes / No / Yes (only Baby, Pet, Travel)
PictBridge Support	Single / Multi / All / Favorites / DPOF

Setup

OSD language	Japanese, English, German, French, Italian, Spanish
Travel Date / World Time	Yes / Yes

Metrics

Dimensions (W x H x D)	98.4 x 55.2 x 24.0 mm / excl. protrusions: 21.3 mm(3.87 x 2.17 x 0.94 in / excl. protrusions: 0.84 in)
Weight	Approx. 147g with Battery and SD Memory Card (0.32 lb) Approx. 125g without Battery and SD Memory Card (0.27 lb)

Others

LCD Monitor	2.7"/ 6.7cm TFT Screen LCD Display (230K dots) Field of View : approx. 100% AUTO Power LCD mode, Power LCD mode, High Angle mode
Built-in-Flash	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off 0.6 - 6.8m (Wide/ISO Auto), 1.0 - 2.7m (Tele/ISO Auto)
Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card, SDXC Memory Card
Built-in-Memory	Approx. 40MB
Microphone / Speaker	Mono / Yes
Interface	AV Output (NTSC/PAL, NTSC only for N. America), USB2.0 Full-speed, DC Input (requires optional DC Coupler)

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Power	ID-Security Li-ion Battery Pack (3.6V, Minimum: 740mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional)
Battery life (approx.)	310 pictures (CIPA Standard)*1
Included Software	PHOTOfunSTUDIO 5.0 Edition QuickTime Adobe Reader
Standard Accessories	Battery Charger, Battery Pack, Battery Case AV cable, USB Cable, AC Cable Hand Strap, CD-ROM
NOTE	• Motion pictures can be recorded continuously for up to 15 minutes in European PAL area.